

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	("2003077107").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/14 13:49
L2	2	("2003077107").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/14 13:49
S1	11	("4068974"   "5096321"   "6039489"   "6164967"   "6918153").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/06 17:57
S2	10	("2814816"   "4068974"   "6039489"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/06 17:58
S3	737	433/29.ccls. and @py<"2005"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/06 18:01

S4	272	S3 and (reservoir chamber reservoir compartment storage vessel receptacle barrel canister)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/06 18:02
S5	272	S3 and (reservoir chamber reservoir compartment storage vessel receptacle barrel canister)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/03/06 18:04
S6	4	("4501555"   "4790751"   "4886454"   "5022856").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/06 18:12
S7	646	433/126,30.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/06 18:16
S8	646	433/126,30.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/06 18:20
S9	646	S8	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/06 18:20
S10	74	S9 and (groove\$1 with (supply line\$1 fluid\$1 tube\$1)) and @py<"2005"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/06 18:22
S11	8	("3789506"   "4303392"   "4553938"   "5039304"   "5088924"   "5145370"   "5476379"   "5501596").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/06 18:22
S12	545	(brush with stem).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/06 18:25

S13	440	S12 and @py<"2005"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/06 18:25
S14	403	401/278.ccls. and @py<"2005"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/06 18:33
S15	35023	"433"/\$.ccls. (brush\$1head same handpiece)and @py<"2005"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/06 18:35
S16	0	"433"/\$.ccls. and (brush\$1head same handpiece)and @py<"2005"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/06 18:35
S17	882	"433"/\$.ccls. and (head same handpiece)and @py<"2005"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/06 18:35
S18	121	"433"/\$.ccls. and (head same (connectable removable attachable ) same handpiece)and @py<"2005"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/06 18:36

S19	0	((brush tooth\$1brush brush\$1head brush\$1stem) same (attachable removabl\$3 disposable dispos\$4 engageable disengageable) same (device appliance instrument hand \$1piece handle)) near ((reservoir\$2 storage\$1 chamber\$1 sac\$1 tube\$1) with (fluid\$1 liquid\$1 material\$1 paste\$1 agent\$1)) and @py<"2005"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/10 09:29
S20	0	((brush tooth\$1brush brush\$1head brush\$1stem) same (attachable removabl\$3 disposable dispos\$4 engageable disengageable) same (device appliance instrument hand \$1piece handle)) near ((reservoir\$2 storage\$1 chamber\$1 sac\$1 tube\$1) same (fluid\$1 liquid\$1 material\$1 paste\$1 agent\$1)) and @py<"2005"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/10 09:30
S21	0	((brush tooth\$1brush brush\$1head brush\$1stem) same (attachable removabl\$3 disposable dispos\$4 engageable disengageable) same (device appliance instrument hand \$1piece handle)) near ((reservoir\$2 storage\$1 chamber\$1 sac\$1 tube\$1) same (fluid\$1 liquid\$1 material\$1 paste\$1 agent\$1))) and @py<"2005"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/10 09:31

S22	6410	((brush tooth\$1brush brush\$1head brush\$1stem) same (attachable removabl\$3 disposable dispos\$4 engageable disengageable) same (device appliance instrument hand \$1piece handle)) and ((reservoir\$2 storage\$1 chamber\$1 sac\$1 tube\$1) same(fluid\$1 liquid\$1 material\$1 paste\$1 agent\$1)) and @py<"2005"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/10 09:33
S23	0	((brush tooth\$1brush brush\$1head brush\$1stem) same (attachable removabl\$3 disposable dispos\$4 engageable disengageable) same (device appliance instrument hand \$1piece handle)) near ((reservoir\$2 storage\$1 chamber\$1 sac\$1 tube\$1) same(fluid\$1 liquid\$1 material\$1 paste\$1 agent\$1)) and @py<"2005"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/10 09:33
S24	774	S22 and ((groove\$1 cut\$1 hollow notch\$1) with (channel canal tunnel trough passage\$1 pathway\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/10 09:36
S25	349	604/77.ccls. and @py<"2004"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/10 09:45

S26	628	424/435.ccls. and @py<"2004"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/10 09:46
S27	46	S26 and (brush or toothbrush)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/10 09:46
S28	868	222/325.ccls. and @py<"2004"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/10 09:47
S29	11	S28 and toothbrush	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/10 09:47
S30	24	((brush tooth\$1brush brush\$1head brush\$1stem) same (attachable removabl\$3 disposable dispos\$4 engageable disengageable) same (device appliance instrument hand \$1piece handle)) and ((reservoir\$2 storage\$1 chamber\$1 sac\$1 tube\$1) same(fluid\$1 liquid\$1 material\$1 paste\$1 agent\$1))) and @py<"2005"	EPO; JPO	OR	OFF	2009/03/10 09:52
S31	172	(A46B013/04.ipc.) or (A61C017/26. ipc.) and @py<"2004"	EPO; JPO	OR	OFF	2009/03/10 09:55

S32	190	(A46B013/04.ipc.) or (A61C017/26.ipc.) or (A61C017/28.ipc.) and @py<"2004"	EPO; JPO	OR	OFF	2009/03/10 09:55
S33	549	401/280,281.ccls. and @py<"2005"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/10 10:28
S34	298	brushhead	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/10 10:34
S35	180	brushhead and @py<"2005"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/10 10:35
S36	2822	15/221.1,167.1,19131,195.ccls. and @py<"2004"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/10 10:42
S37	61	S36 and (groove\$1 with (chanel opening))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/10 10:42
S38	33	S36 and (groove\$1 with (form\$2 defin \$3) with (chanel opening))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/10 10:45

S39	15	S36 and (groove\$1 near5 (form\$2 defin\$3) near5 (channel opening passage\$2 pathway\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/10 10:47
S40	148	"433"/\$.ccls. and (groove\$1 near5 (form\$2 defin\$3) near5 (channel opening passage\$2 pathway\$1)) and @py<"2004"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/10 10:51
S41	148	"433"/\$.ccls. and (groove\$1 near5 (form\$2 defin\$3) near5 (channel opening passage\$2 pathway\$1)) and @py<"2004"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/03/10 10:51
S42	7	"433"/24-30.ccls. and (groove\$1 near5 (form\$2 defin\$3) near5 (channel opening passage\$2 pathway \$1)) and @py<"2004"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/03/10 10:52
S43	31	"433"/80-90.ccls. and (groove\$1 near5 (form\$2 defin\$3) near5 (channel opening passage\$2 pathway \$1)) and @py<"2004"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/03/10 10:53
S44	361	S33/.ccls. and (groove\$1 near5 (form \$2 defin\$3) near5 (channel opening passage\$2 pathway\$1)) and @py<"2004"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/03/10 10:55
S45	209	S33/.ccls. and (groove\$1 near5 (form \$2 defin\$3) near5 (channel passage\$2 pathway\$1)) and @py<"2004"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/03/10 10:55

S46	556	"222"/\$.ccls. and (groove\$1 near5 (form\$2 defin\$3) near5 (channel passage\$2 pathway\$1)) and @py<"2004"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/03/10 10:56
S47	361	"222"/\$.ccls. and (groove\$1 near3 (form\$2 defin\$3) near3 (channel passage\$2 pathway\$1)) and @py<"2004"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/03/10 10:57
S48	228	"222"/\$.ccls. and (groove\$1 near3 (form\$2 defin\$3) near3 (channel passage\$2 pathway\$1)) and @py<"2004"	USPAT; EPO; JPO	OR	OFF	2009/03/10 10:57
S49	1009	15/221.,24,29,31.ccls. and @py<"2004"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/10 16:22
S50	15	S49 and (groove\$1 with (defin\$3 form\$3) with (channel opening passage pathway))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/10 16:23
S51	1463	433/80-86.ccls. and @py<"2005"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/10 16:25
S52	90	433/86.ccls. and @py<"2005"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/11 09:30

S53	189	433/87.ccls. and @py<"2005"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/11 09:39
S54	236	433/88.ccls. and @py<"2005"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/11 09:42
S55	424	601/162-165.ccls. and @Py<"2005"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/11 09:50
S56	28	S55 and (groove\$1 same fluid\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/11 09:51
S57	5	("3703170"   "3771517"   "4248589"   "4531913"   "4672953").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/11 09:56
S58	1	("5323770").URPN.	USPAT	OR	OFF	2009/03/11 09:56
S59	7	("3753435").URPN.	USPAT	OR	OFF	2009/03/11 10:07
S60	258	601/162.ccls. and @Py<"2005"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/11 10:09

S61	258	601/162.ccls. and @Py<"2005"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/03/11 10:09
S62	16	("2550565"   "3227158"   "3496933"   "3500824"   "3568667"   "3570525"   "3590813"   "3612045"   "3749291"   "3851643"   "4133482"   "4302186"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/11 10:24
S63	296378	("433"/\$.ccls.) or ("601"/\$.ccls.) ("222"/\$.ccls.) ("15"/\$.ccls.))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/11 10:50
S64	94	S63 and ((semi\$1circular near3 (groove\$1 channel passage passway)) with (defin\$3 form\$3 creat\$3 mak\$3) with (channel opening passage pathway))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/11 10:52
S65	536	S63 and ((circular near3 (groove\$1 channel passage passway)) with (defin \$3 form\$3 creat\$3 mak\$3) with (channel opening passage pathway))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/11 10:57
S66	260	S63 and ((circular near3 (groove\$1 channel passage passway)) with (defin \$3 form\$3 creat\$3 mak\$3) with (channel ))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/11 10:57
S67	54	S66 and (brush toothbrush)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/11 10:58

S68	9	S63 and ((circular near3 (groove\$1 channel passage passway)) with mat\$3 with (defin\$3 form\$3 creat\$3 mak\$3) with (channel ))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/11 11:01
S69	1040	S63 and (((groove\$1 channel passage passway)) with mat\$3 with (defin\$3 form\$3 creat\$3 mak\$3) with (channel passage pathway opening))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/11 11:06
S70	143	S63 and (((groove\$1 channel passage passway)) with mat\$3 with (defin\$3 form\$3 creat\$3 mak\$3) with (channel passage pathway opening) with fluid)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/11 11:06
S71	1798	S63 and (((groove\$1 channel passage passway)) with (defin\$3 form\$3 creat\$3 mak\$3) with (channel passage pathway opening) with fluid).clm.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/11 11:11
S72	221	S71 and S66/.ccls. and @py<"2005"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/11 11:12
S73	120	S71 and "433"/.ccls. and @py<"2005"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/11 11:16
S74	110	S71 and "433"/.ccls. and @py<"2005"	USPAT	OR	OFF	2009/03/11 11:17

S75	48	"4522524" "5499420" "4306327" "4409701" "4911187" "4997629" "5283924" "5613258" "5683146" "5749381" "5851116" "5850659" "6381794" "7293318" "20060269351" "20070212662" "4269207" "4399582" "4442830" "3613698" "4274174" "4450599" "4461053" "4471505" "4517701" "4534081" "4554154" "4603448" "4630326" "4827552" "5068939" "5226206" "5253386" "5305922" "5404608" "5423102" "5439014" "5604952" "5706545" "5746532" "5842487" "5931596" "5974614" "6105191" "6106294" "6237180" "6256826" "6332233" "7024718" "7478960" ).pn.	USPAT	OR	OFF	2009/03/11 11:30
S76	422	433/216.ccls. and @py<"2005"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/13 16:15
S77	66	S76 and (toothbrush and head)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/13 16:15

S78	3	("7004662").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/13 16:21
S79	6	("4236651") or ("20030077107").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/13 16:23
S80	28	(toothbrush and core adj member)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/13 17:03
S81	3	("4068974").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/13 17:09
S82	7	("6039489") or ("2814816").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/13 17:09
S83	0	"0385815"	EPO	OR	OFF	2009/03/13 17:10
S84	0	"0385815"	EPO; JPO	OR	OFF	2009/03/13 17:10
S85	2	("0385815").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/13 17:10

S86	21	"385815"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/13 17:11
S87	1	"385815"	EPO; JPO	OR	OFF	2009/03/13 17:11

3/14/2009 2:42:24 PM

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